



HD  
Formal Drawings  
PATENT  
Customer No. 22,852  
Attorney Docket No. 2376.0006-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Continuation Reissue Application )  
of U.S. Patent No. 5,462,120 )  
 )  
Inventor: Michel Gondouin )  
 )  
Serial No.: 09/944,115 ) Group Art Unit: 3672  
 )  
Reissue Filing Date: September 4, 2001 ) Examiner: H. Dang  
 )  
For: DOWNHOLE EQUIPMENT, TOOLS )  
AND ASSEMBLY PROCEDURES )  
FOR THE DRILLING, TIE-IN AND )  
COMPLETION OF VERTICAL )  
CASED OIL WELLS CONNECTED )  
TO LINER-EQUIPPED MULTIPLE )  
DRAINHOLES )

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Washington, DC 20231

Sir:

**SUBMISSION OF FORMAL DRAWINGS**

Please replace the informal drawings with the 31 pages of formal drawings filed herewith (Figures 1-13). Applicant filed a Request for Approval of Drawing Changes on September 4, 2001, in which Applicant amended Figs. 4 and 10 and cancelled Figs. 3 and 6. In an Office Action mailed August 30, 2002, the Examiner approved these drawing changes and stated that Applicant was required to file corrected drawings. Accordingly, the attached formal drawings include the changes to Figs. 3, 4, 6, and 10 approved by the Examiner. If the formal drawings for any reason are not in full compliance with the pertinent statutes and regulations, please so advise the undersigned.

See Substitute  
Formal Drawings  
filed 7/1/03  
Paper # 17

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HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

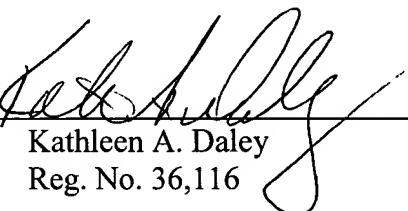
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If any fees are necessary for the submission of these formal drawings, please charge our  
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Respectfully submitted,

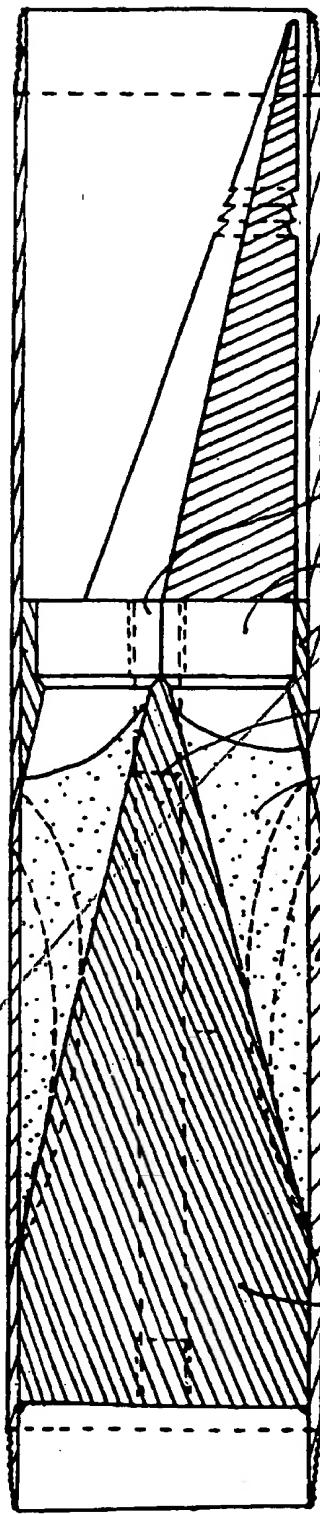
FINNEGAN, HENDERSON, FARABOW,  
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Dated: January 29, 2003

By:   
Kathleen A. Daley  
Reg. No. 36,116

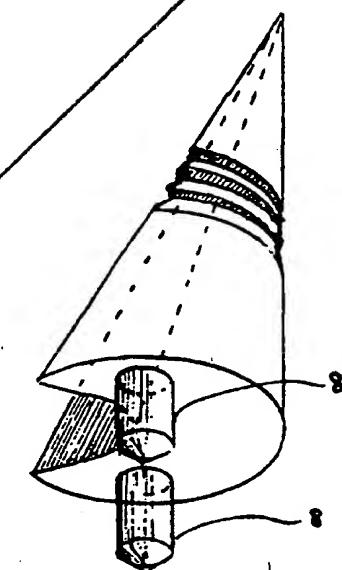
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**FIG. 1**

*Cancel*



**FIG. 1a**

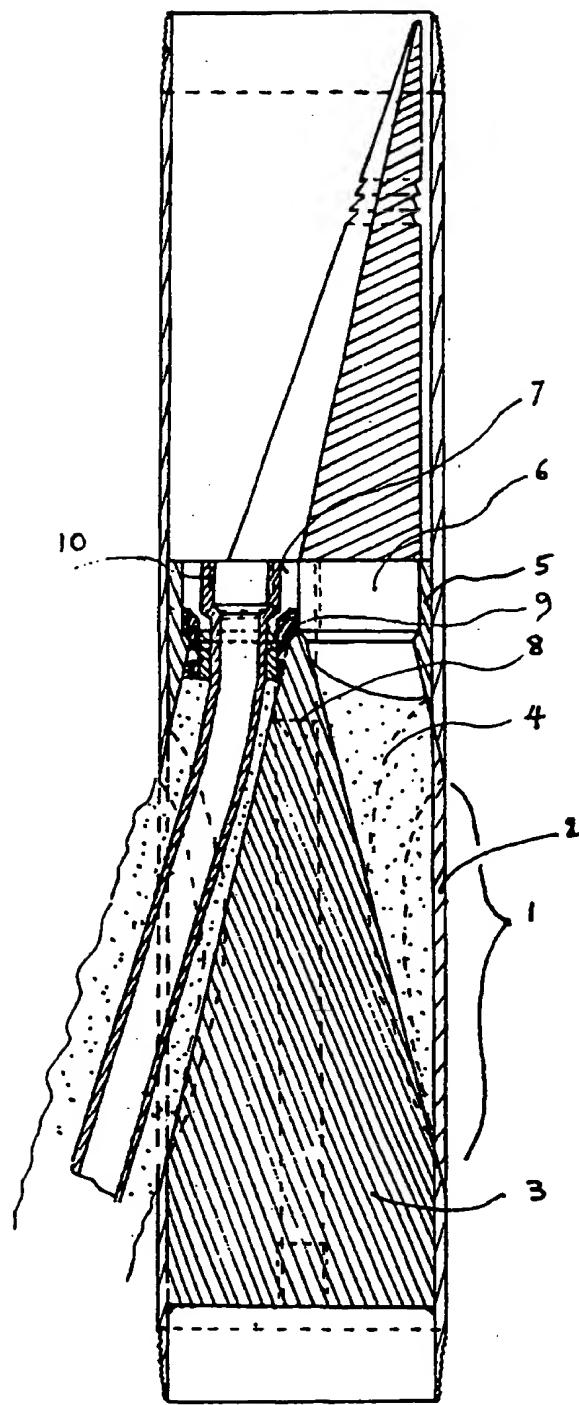


FIG. 1b

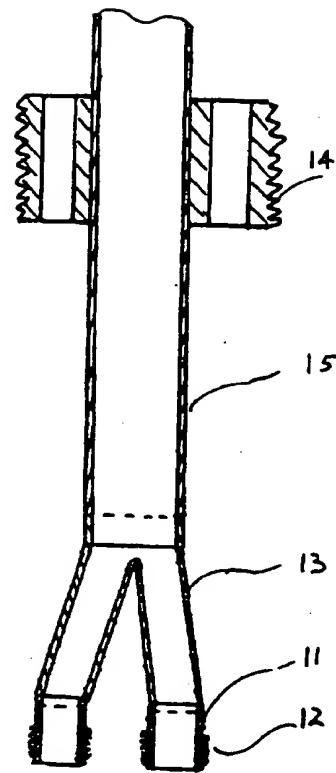
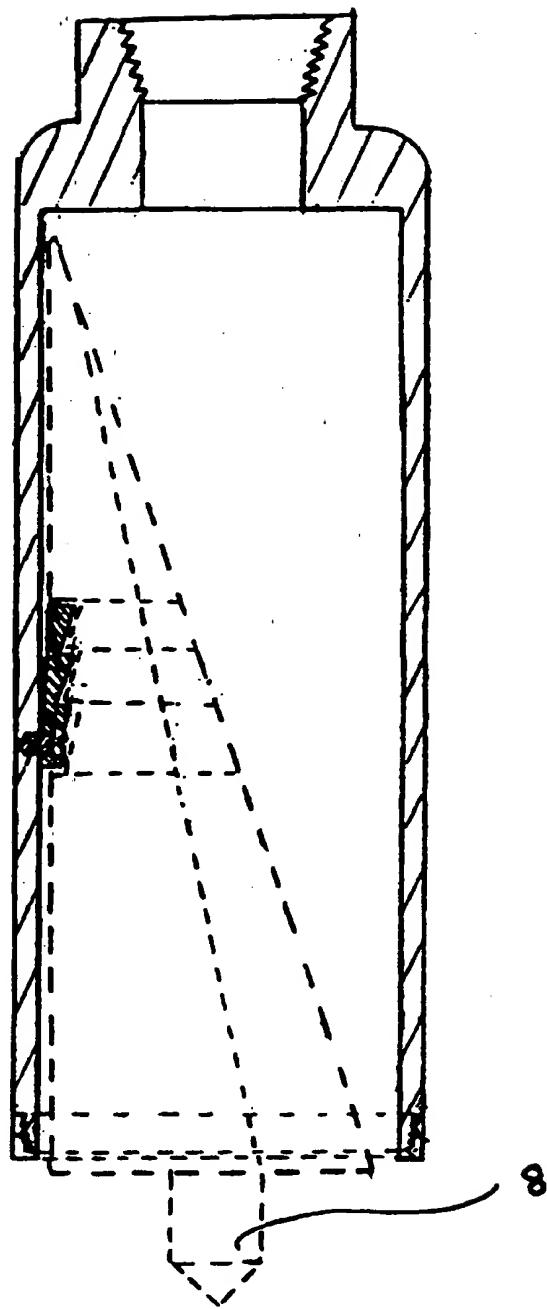
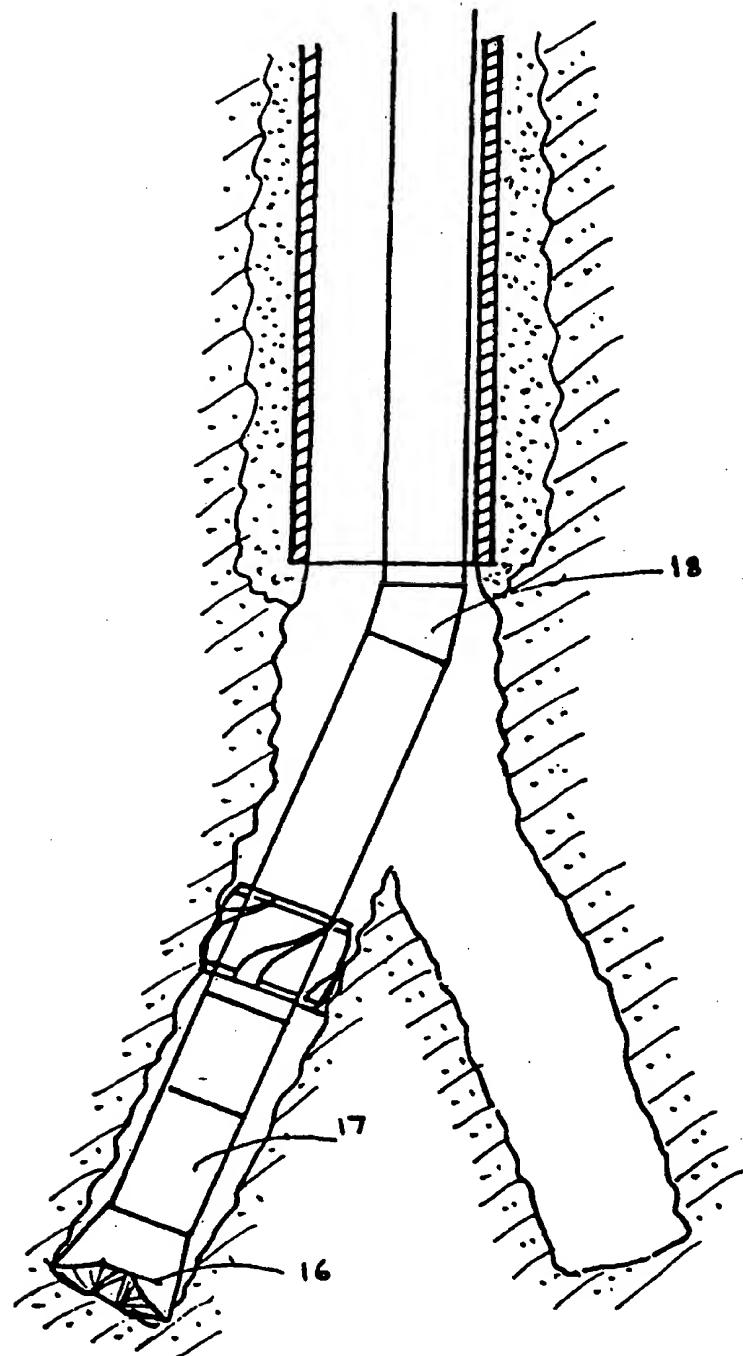


FIG. 1c



**FIG. 1d**



**FIG. 2**

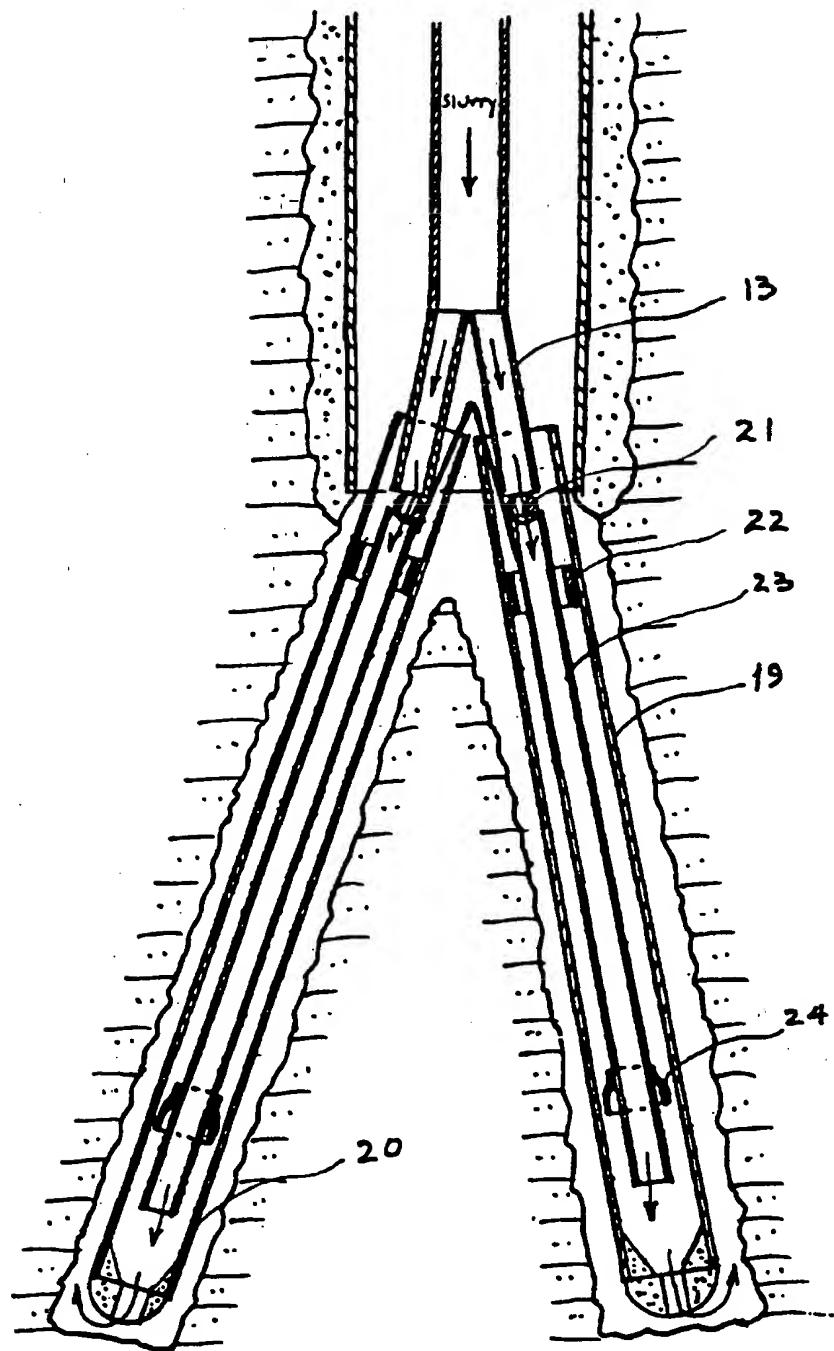
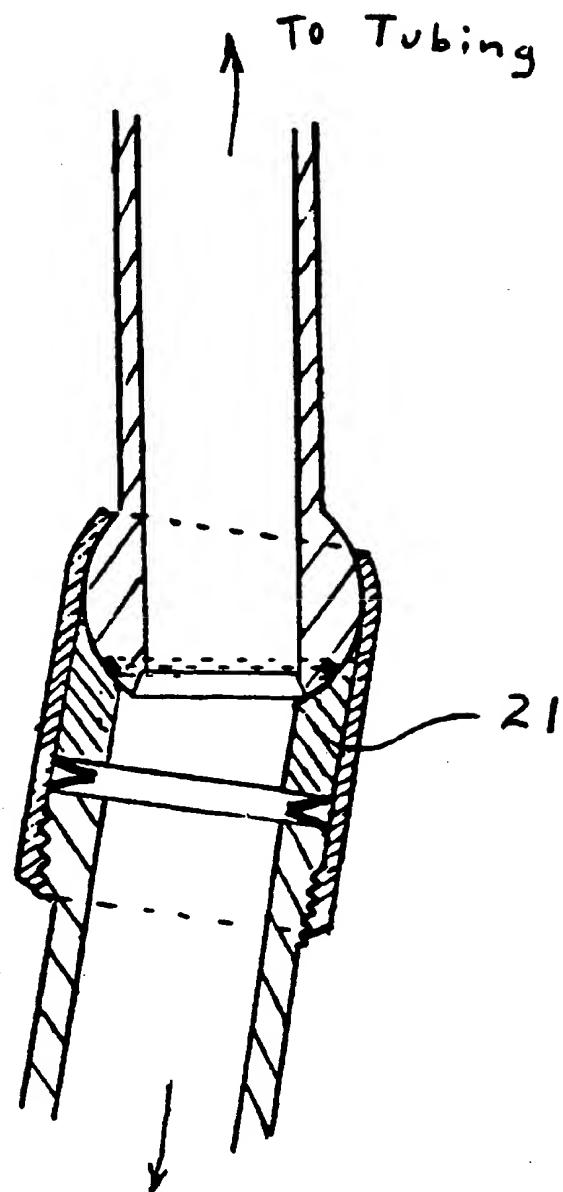


FIG. 2a



To Drainhole

FIG.2b

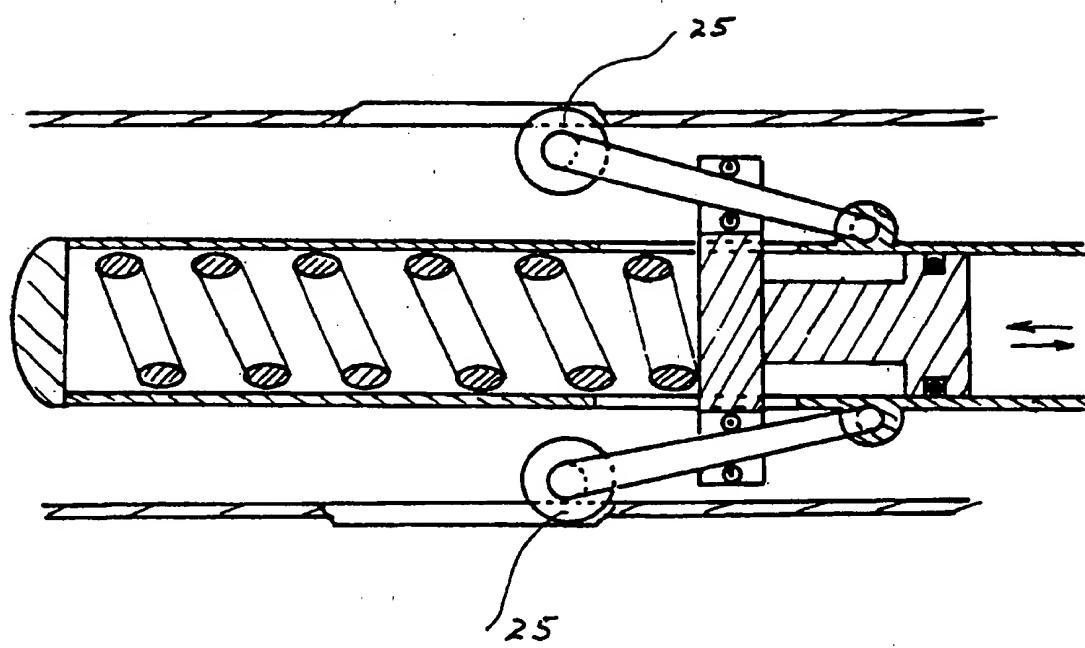


FIG. 2c

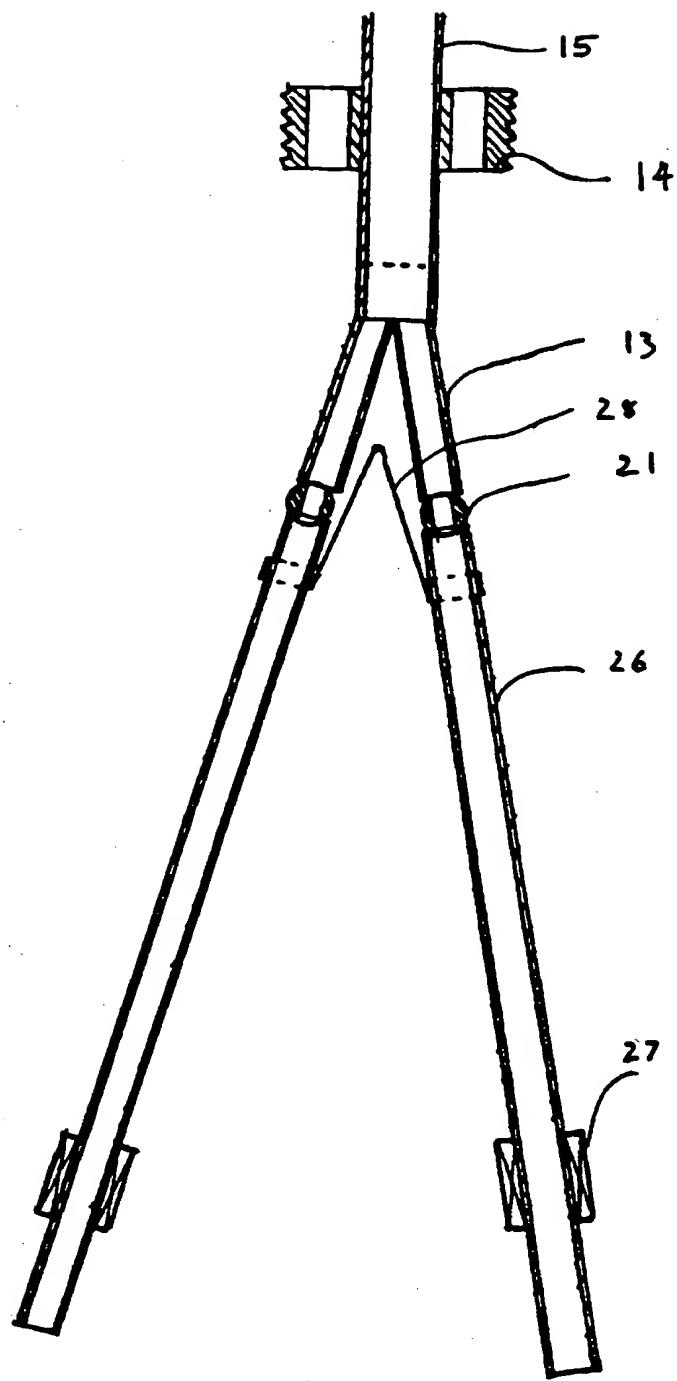
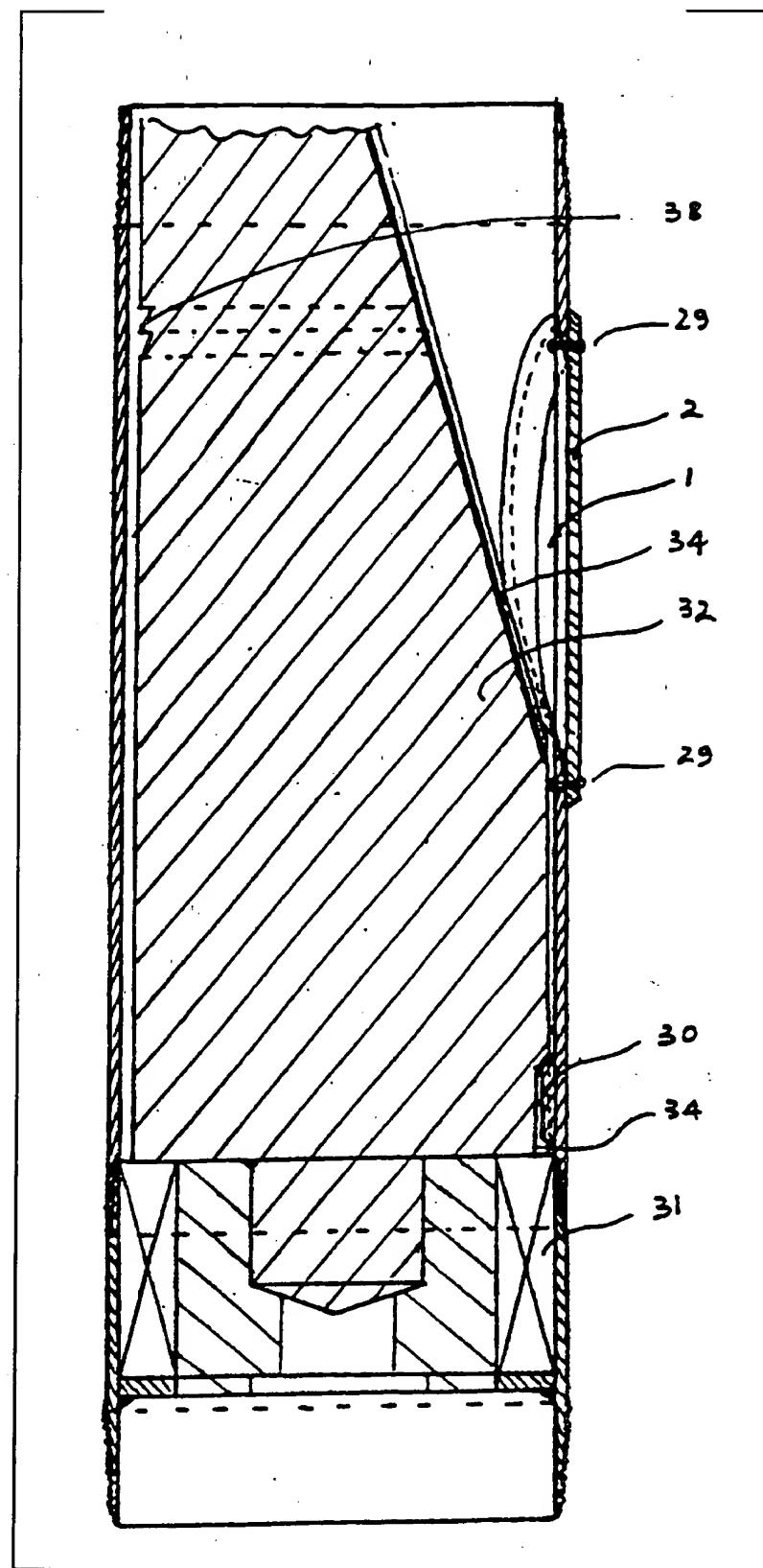
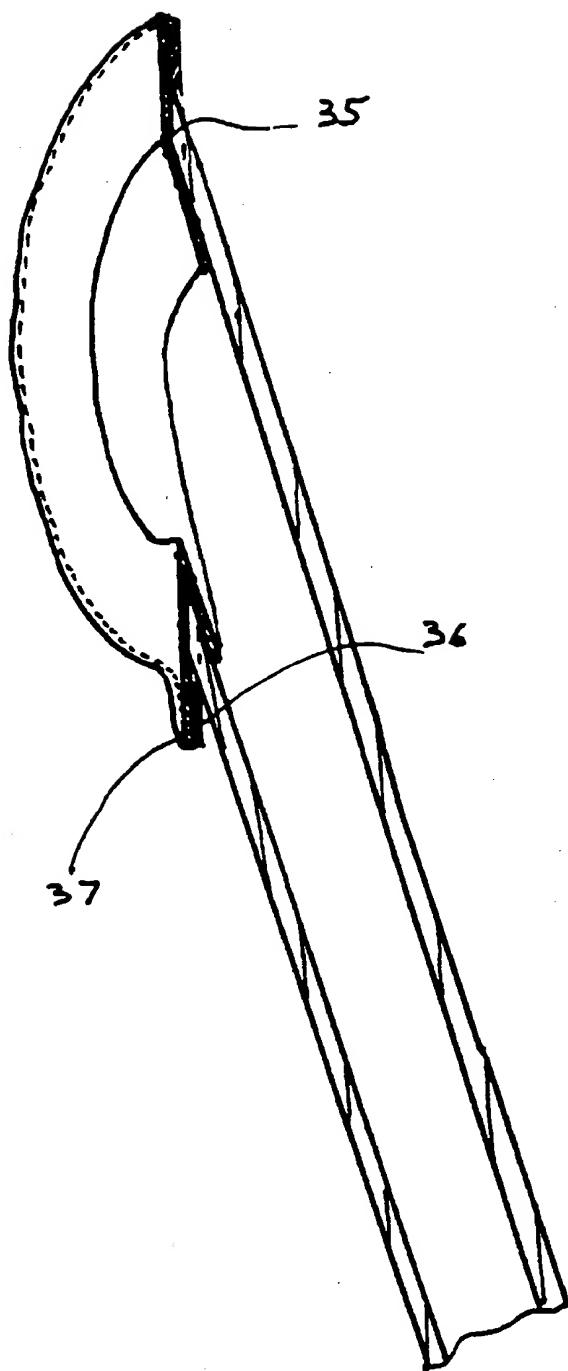


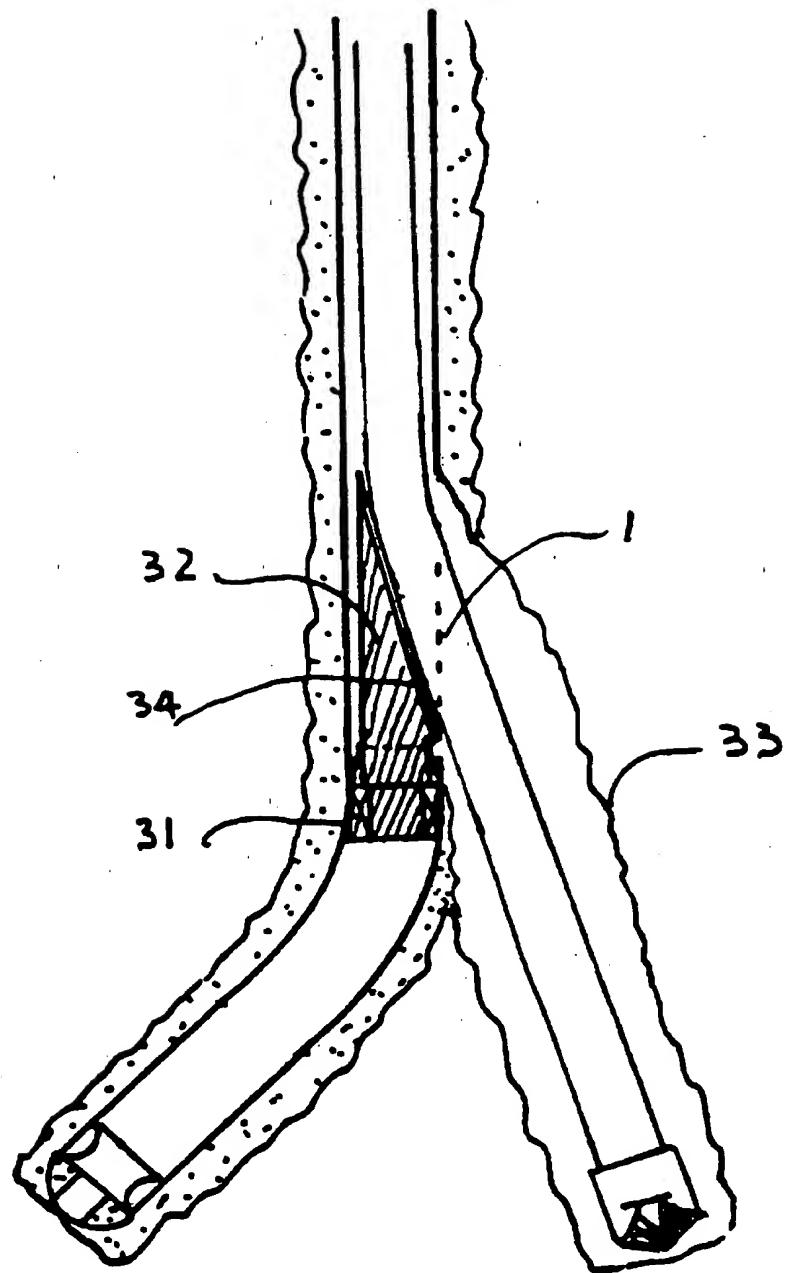
FIG. 2d



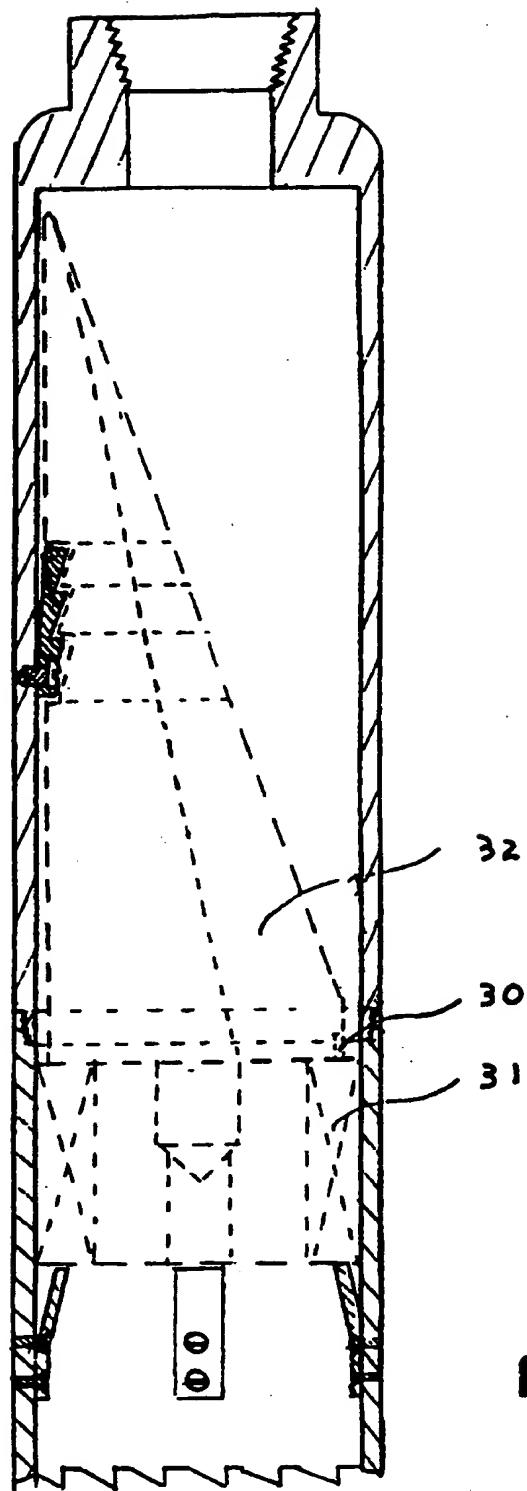
**FIG. 3**  
**(CANCELED)**



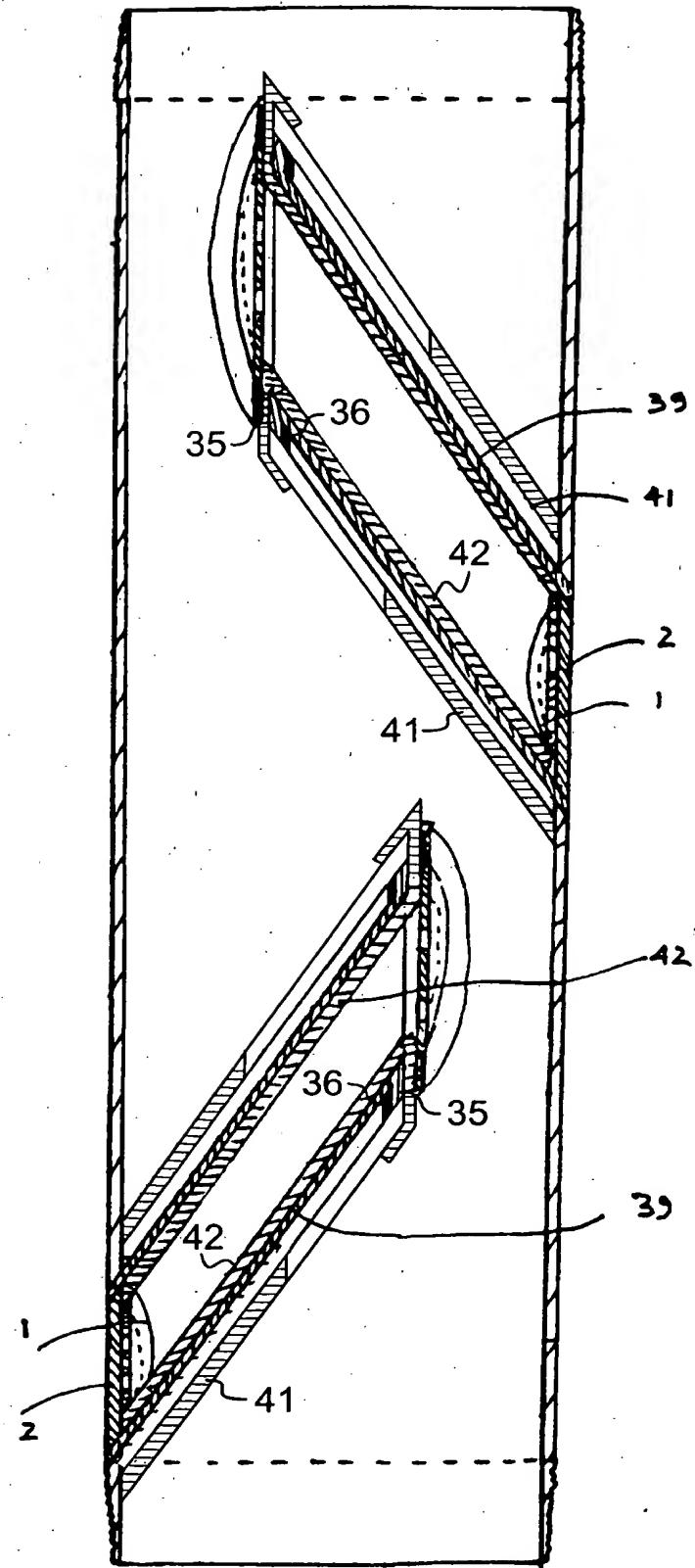
**FIG. 3a**



**FIG. 3b**



**FIG. 3 c**



**FIG. 4**

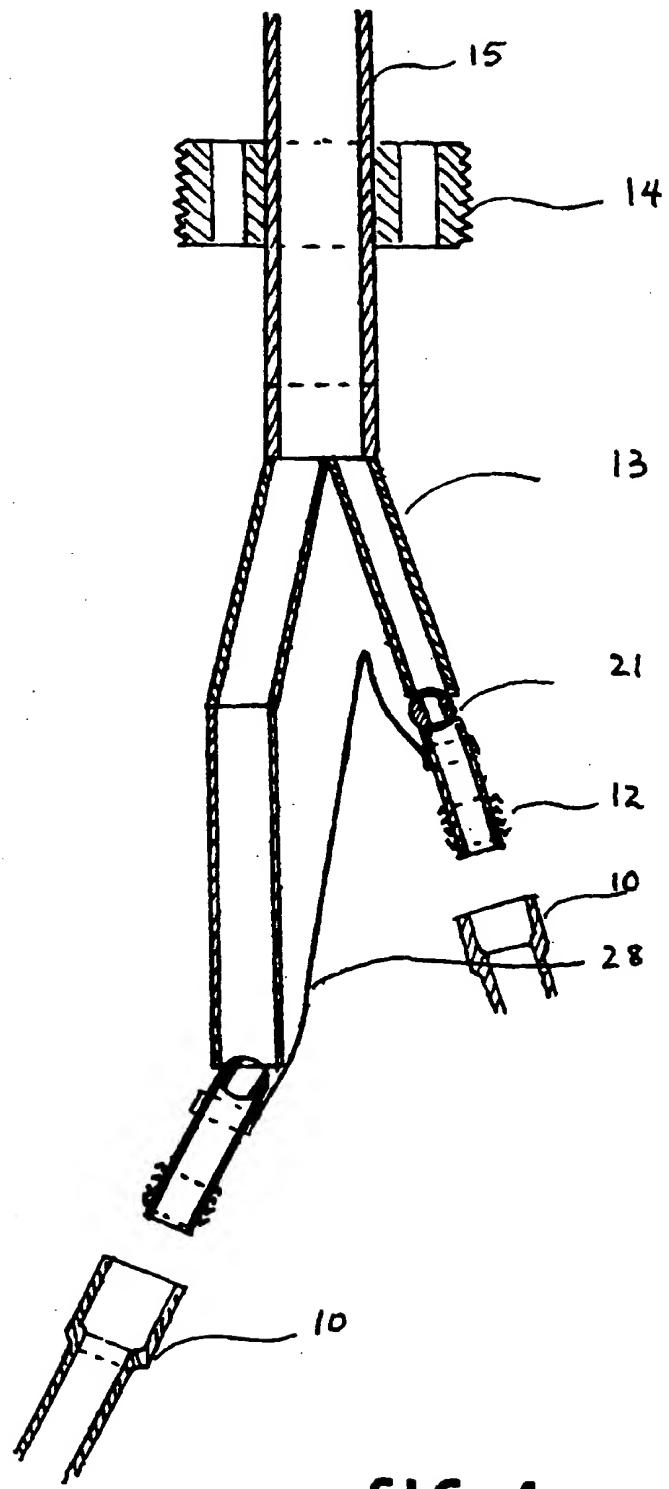
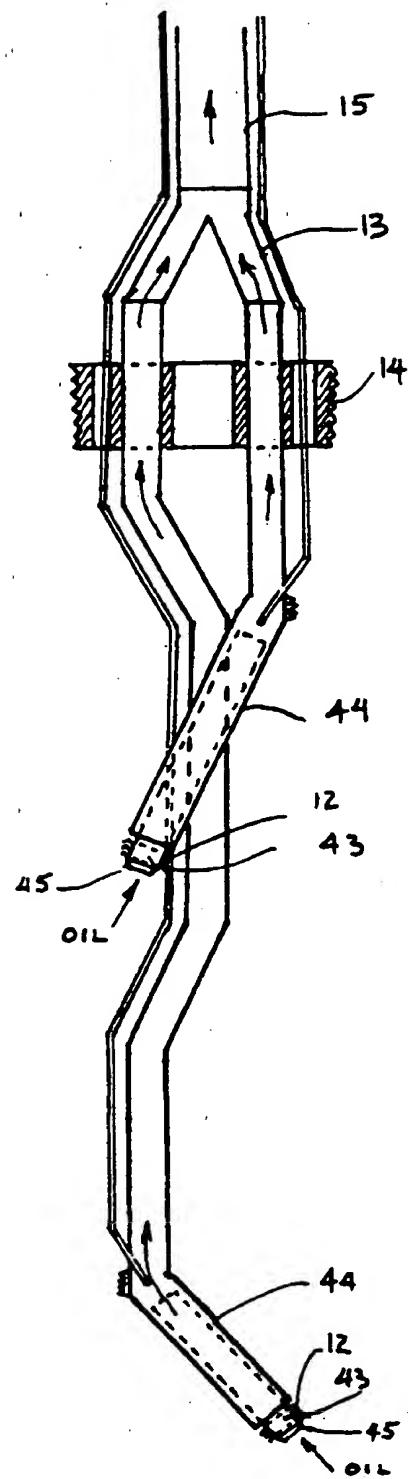


FIG. 4a



**FIG. 4b**

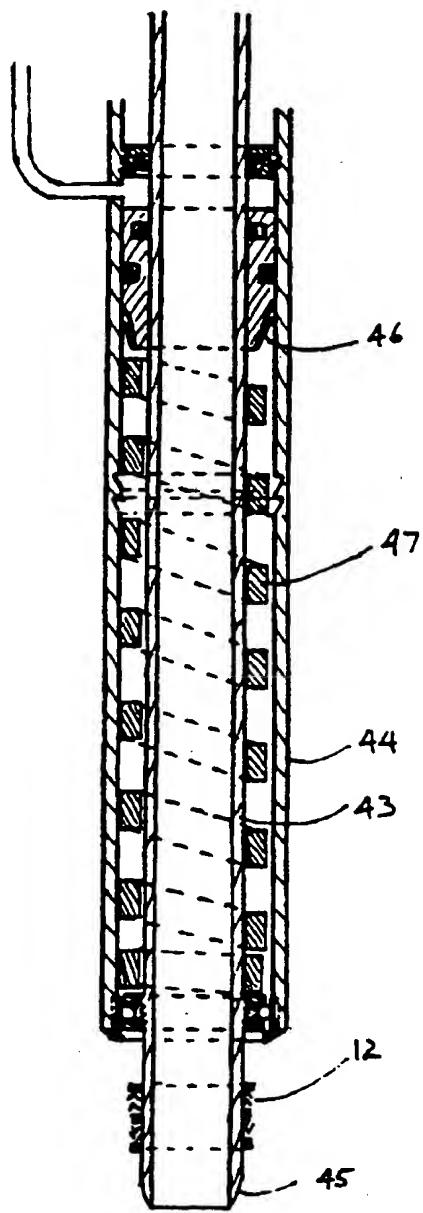


FIG. 4c

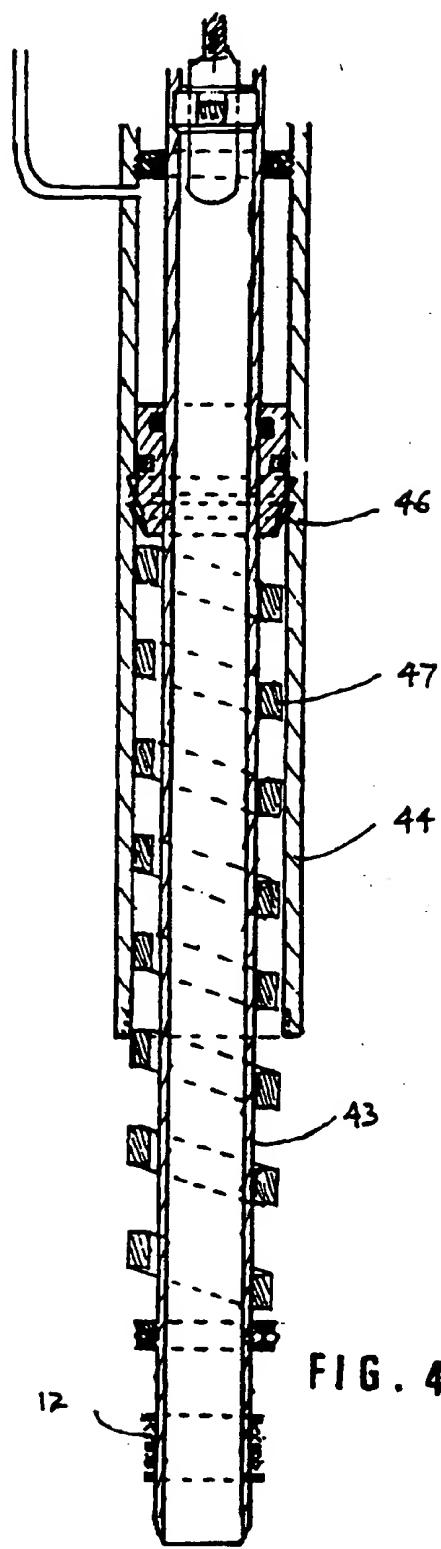


FIG. 4d

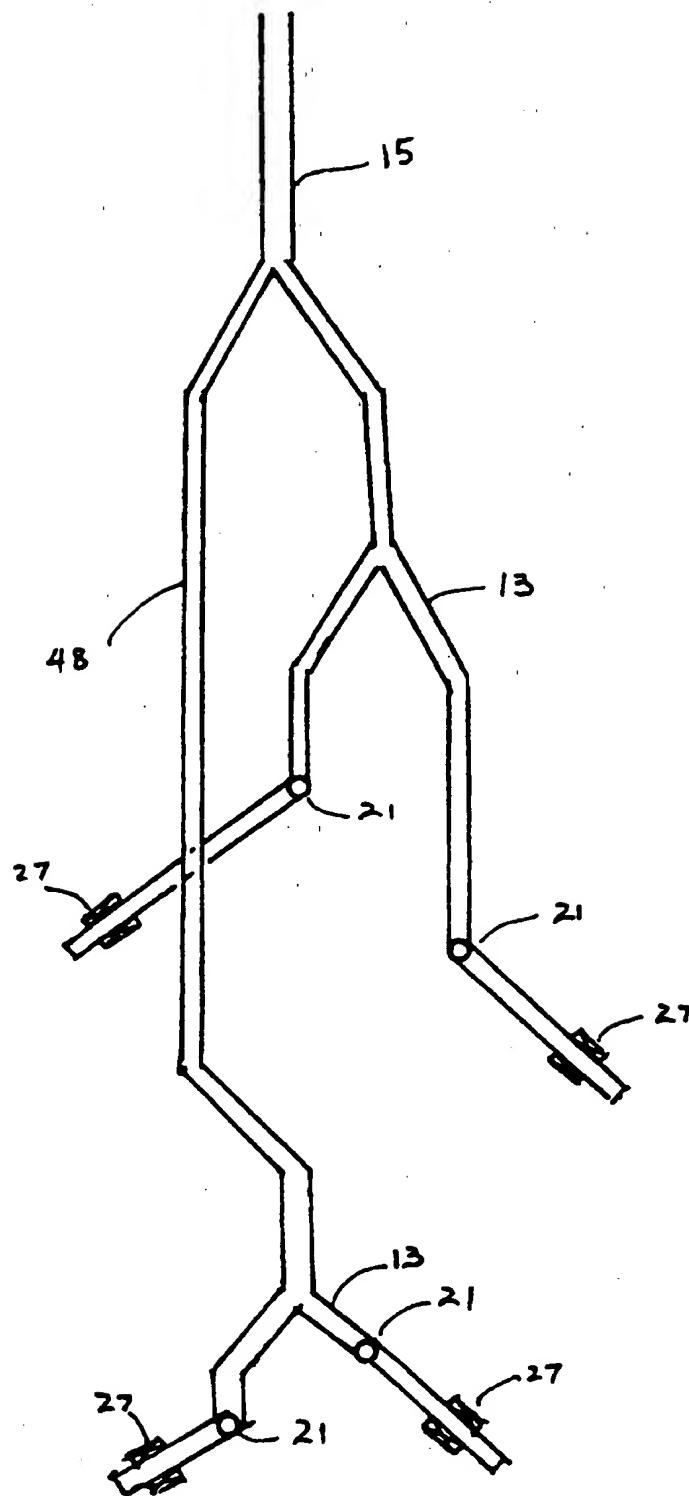


FIG. 4e

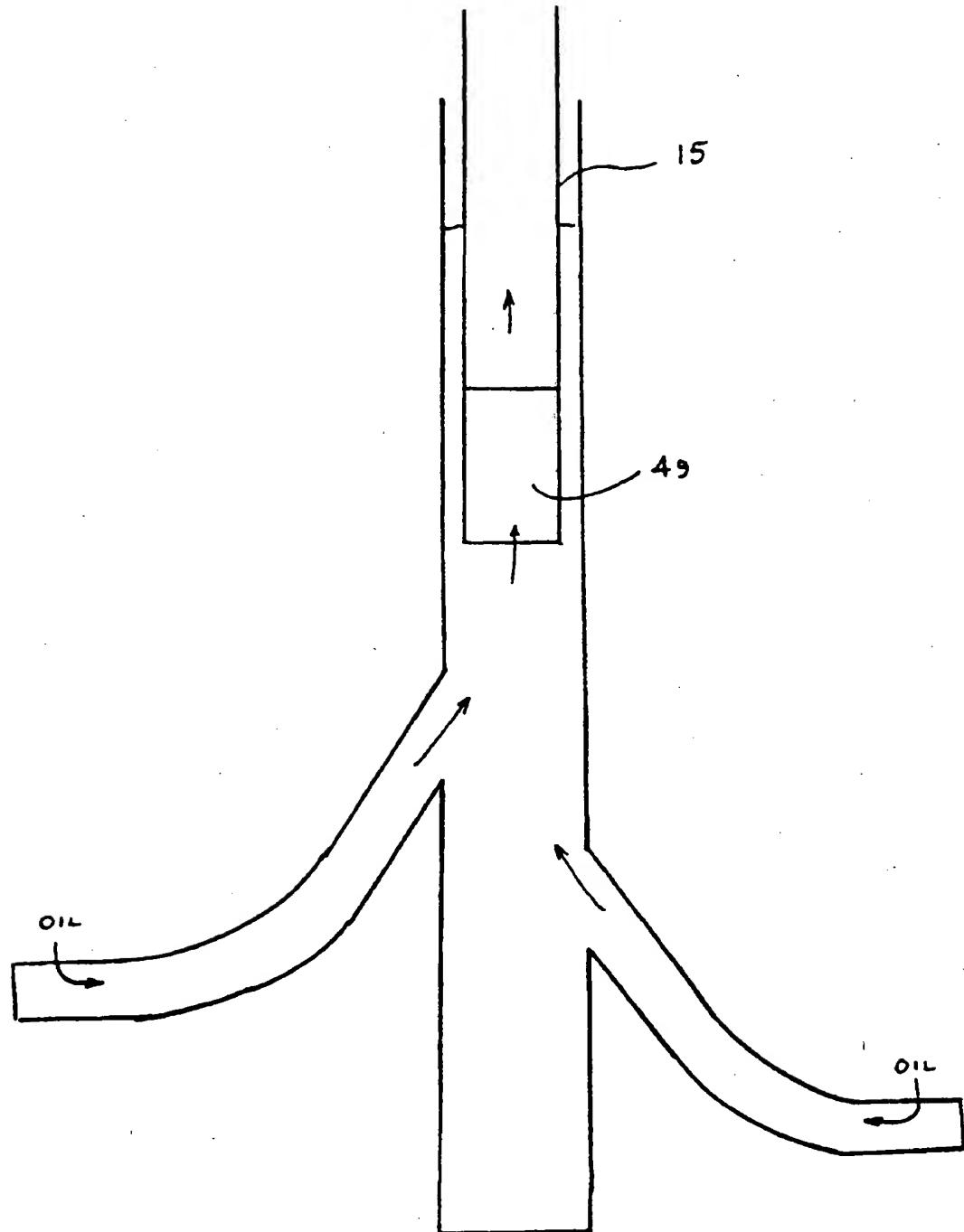


FIG. 5a

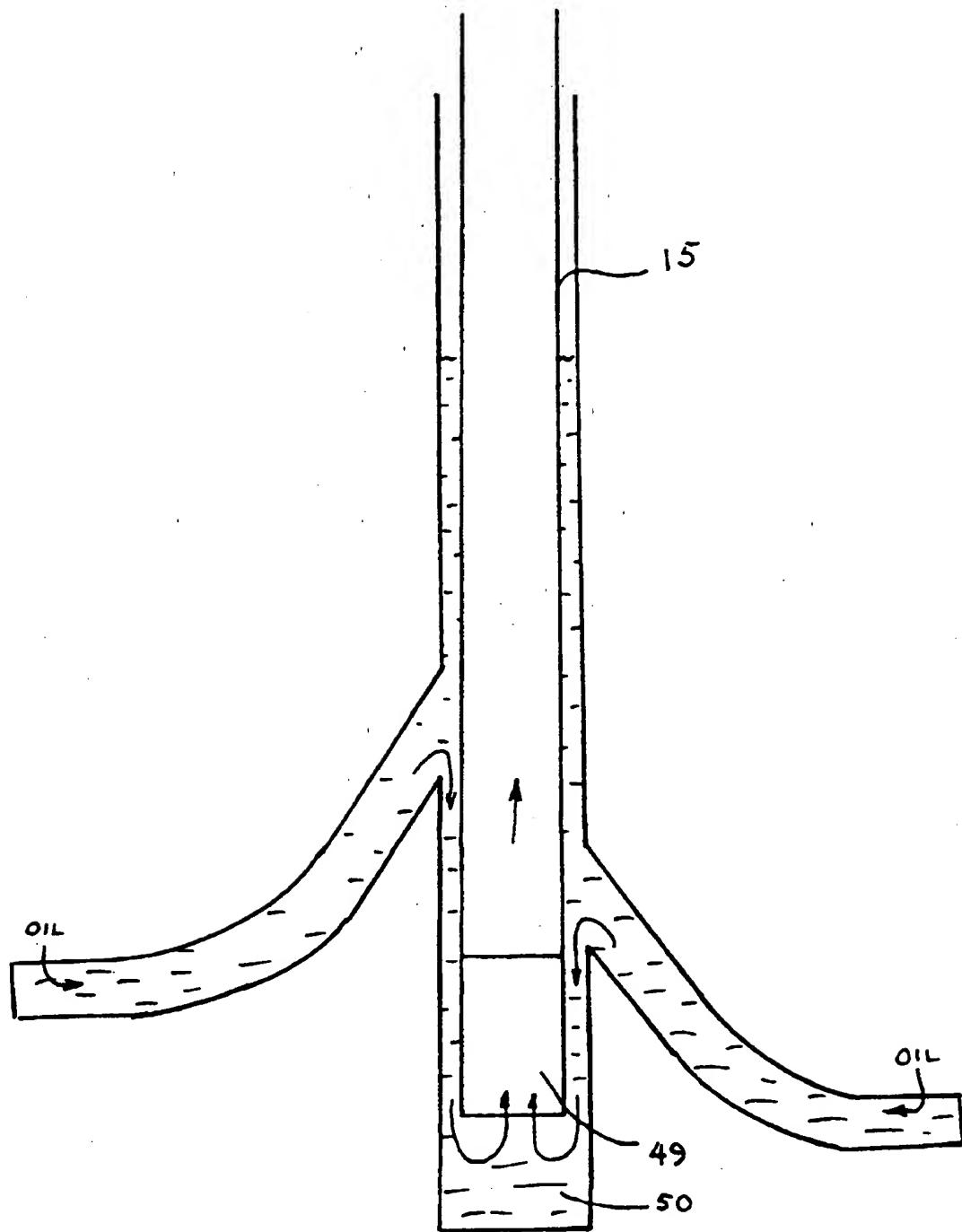
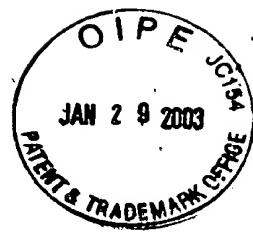


FIG. 5b

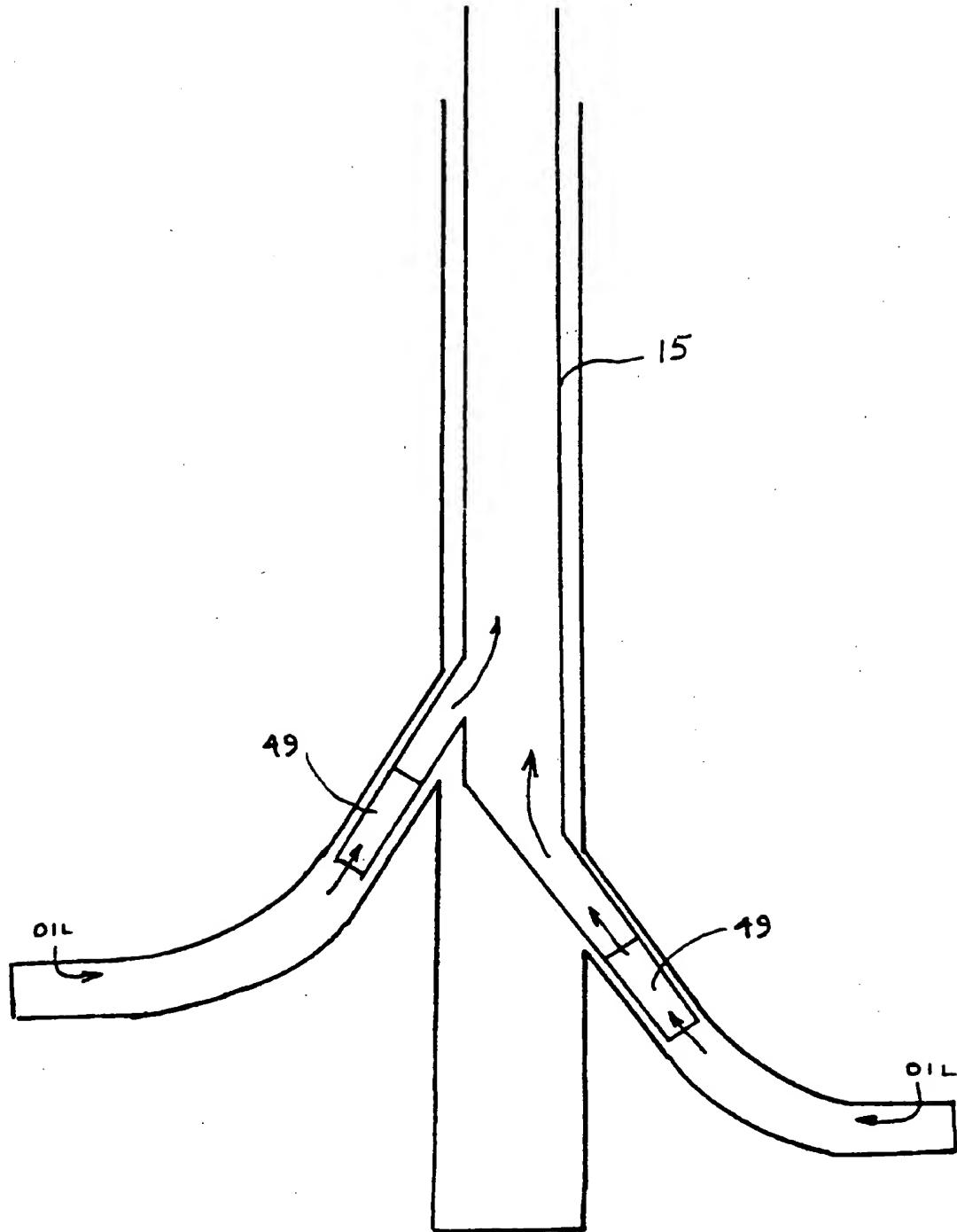
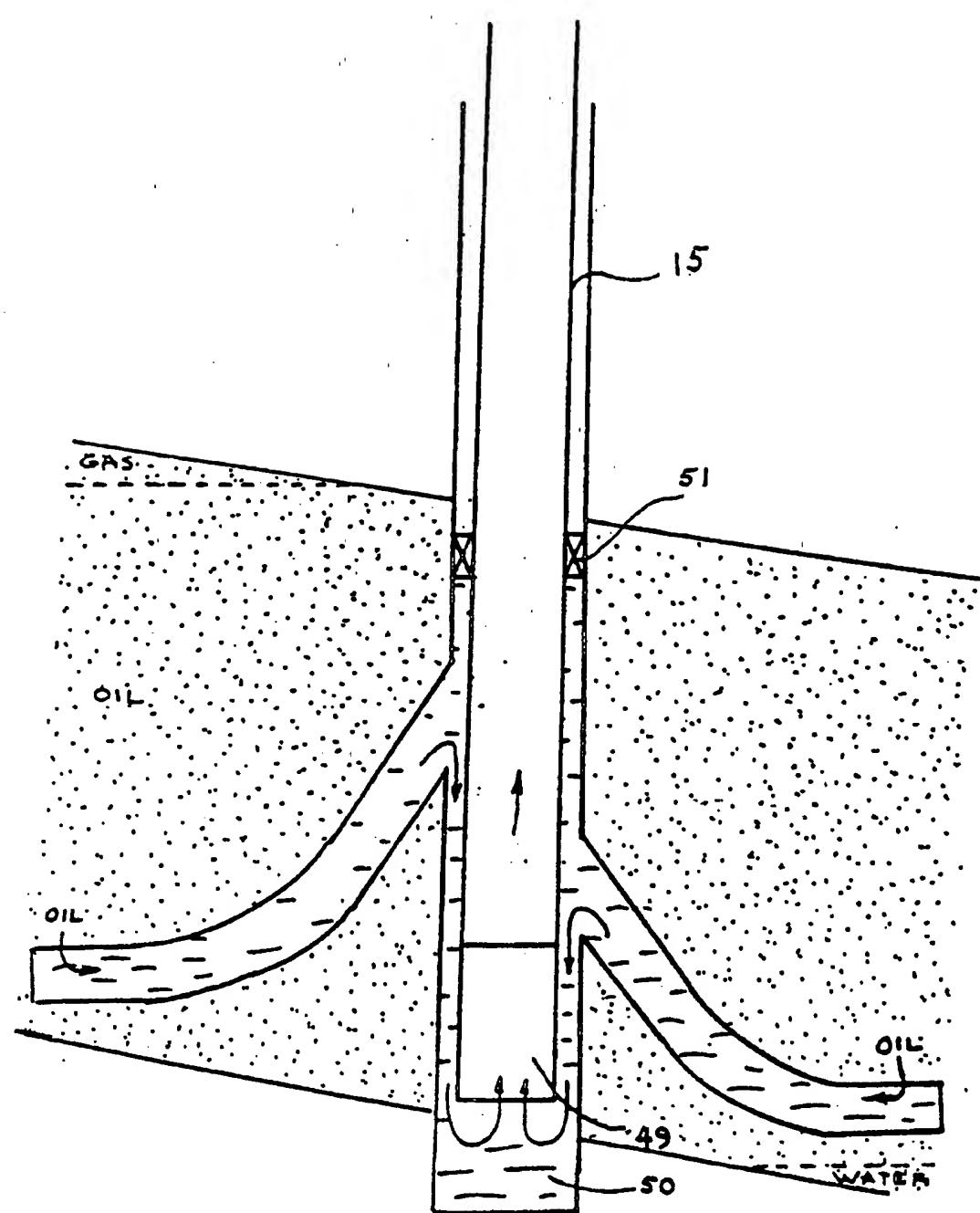


FIG. 5c



**FIG. 6**  
**(CANCELED)**

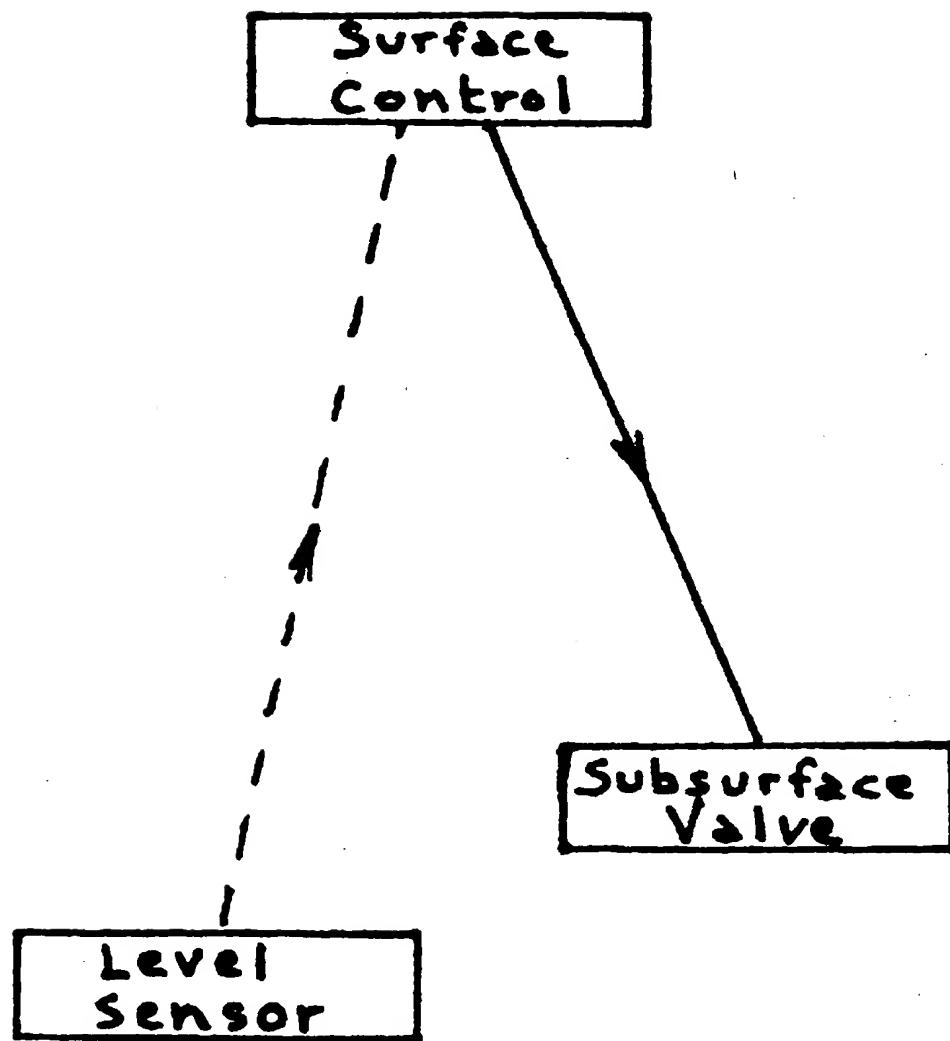
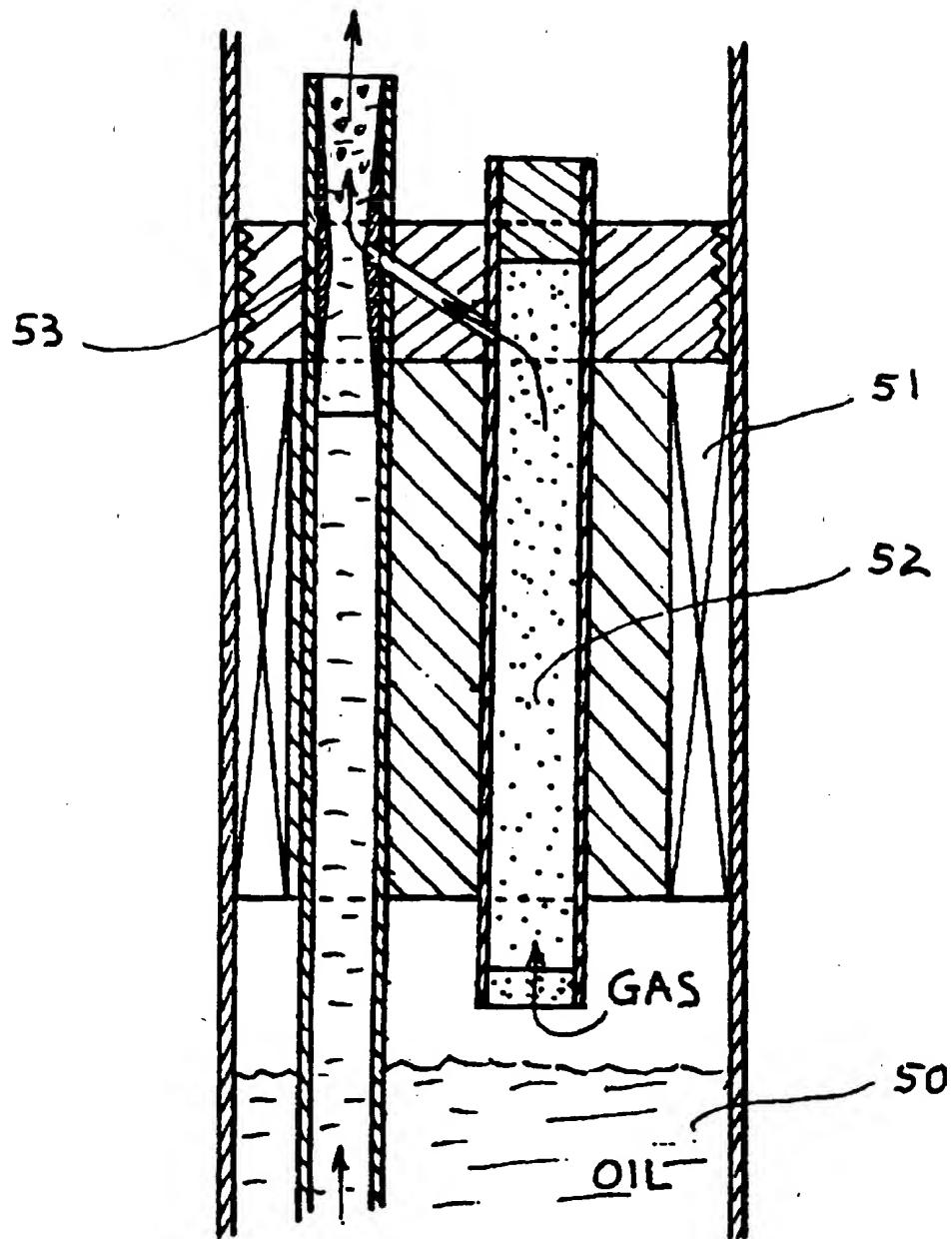


FIG.6a

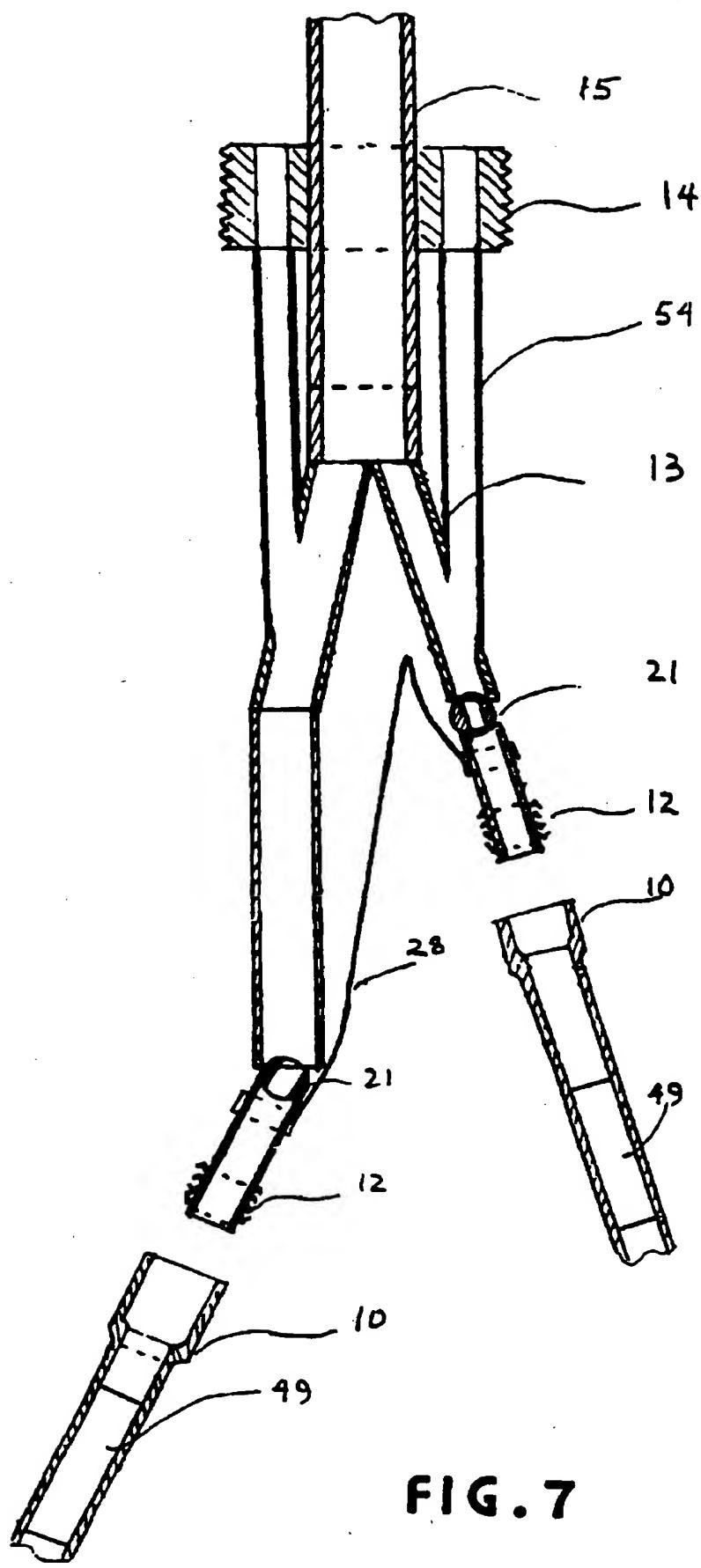


OIL + GAS  
WATER  
POWER FLUID



OIL  
WATER  
POWER FLUID  
FROM PUMP

FIG. 6b



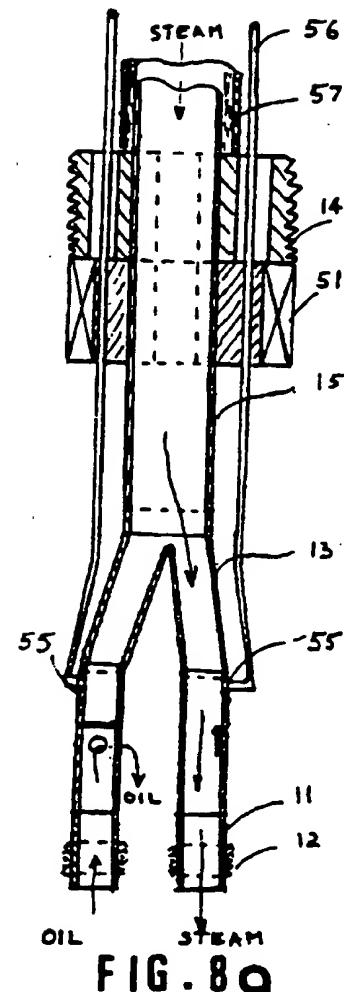
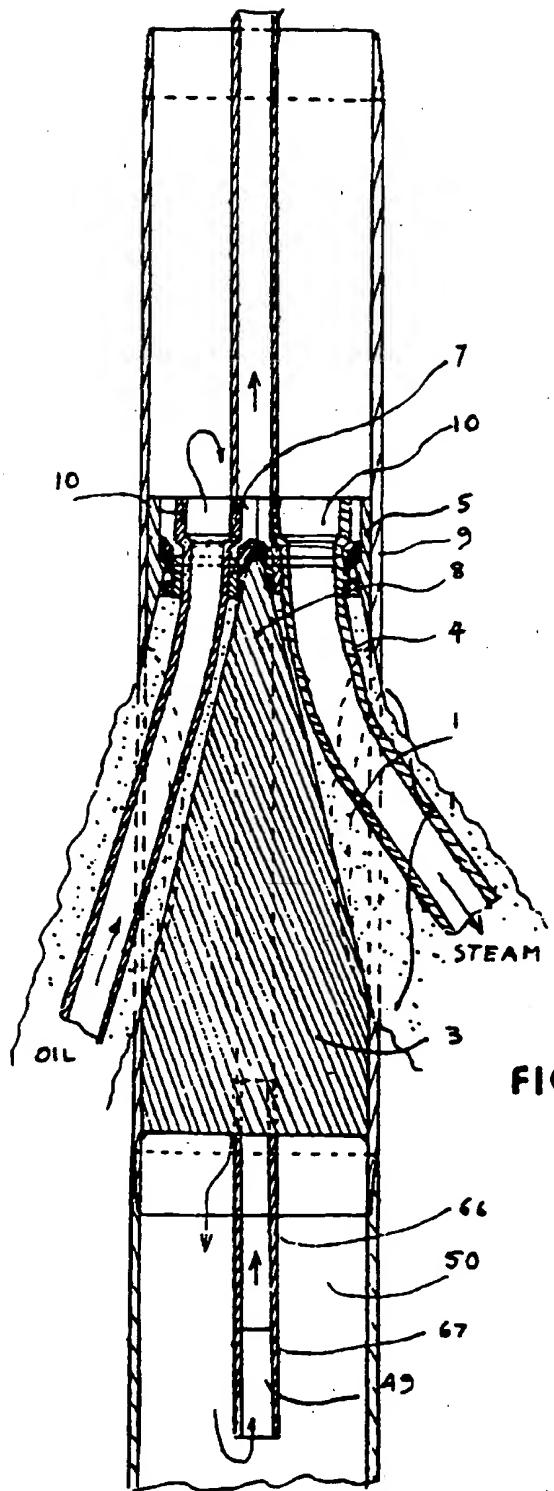


FIG. 8

FIG. 8Q

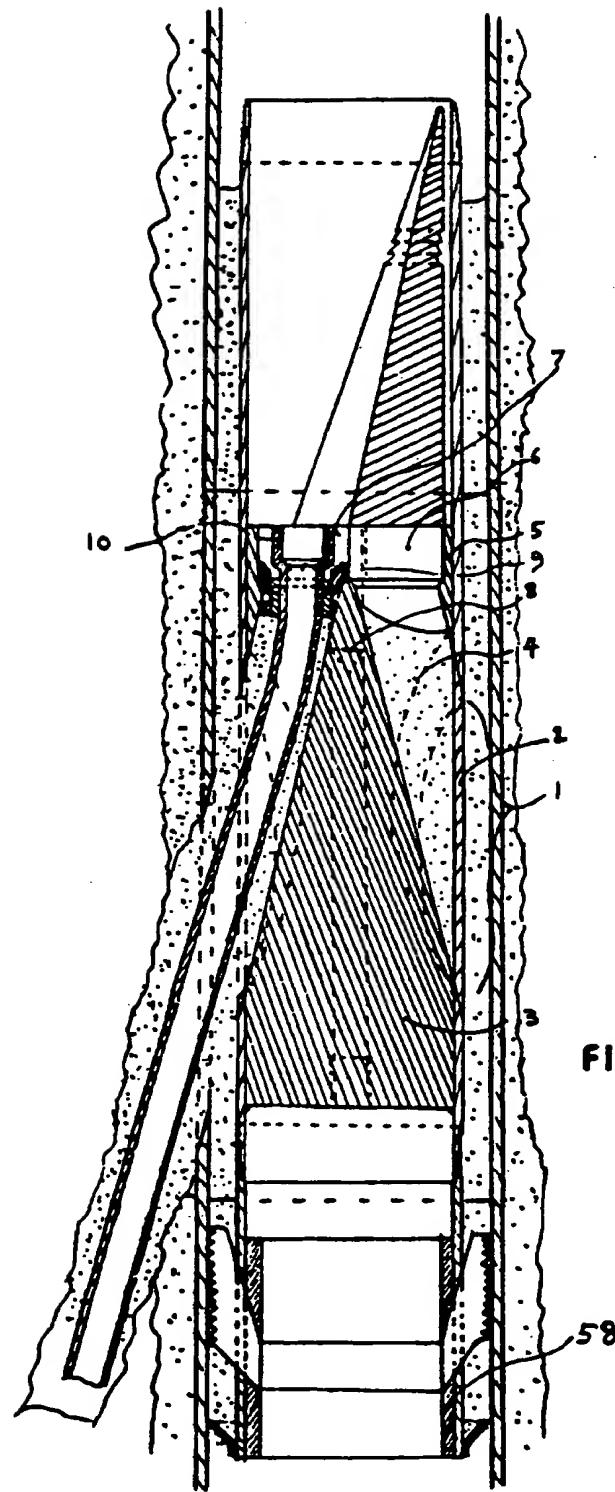


FIG. 9

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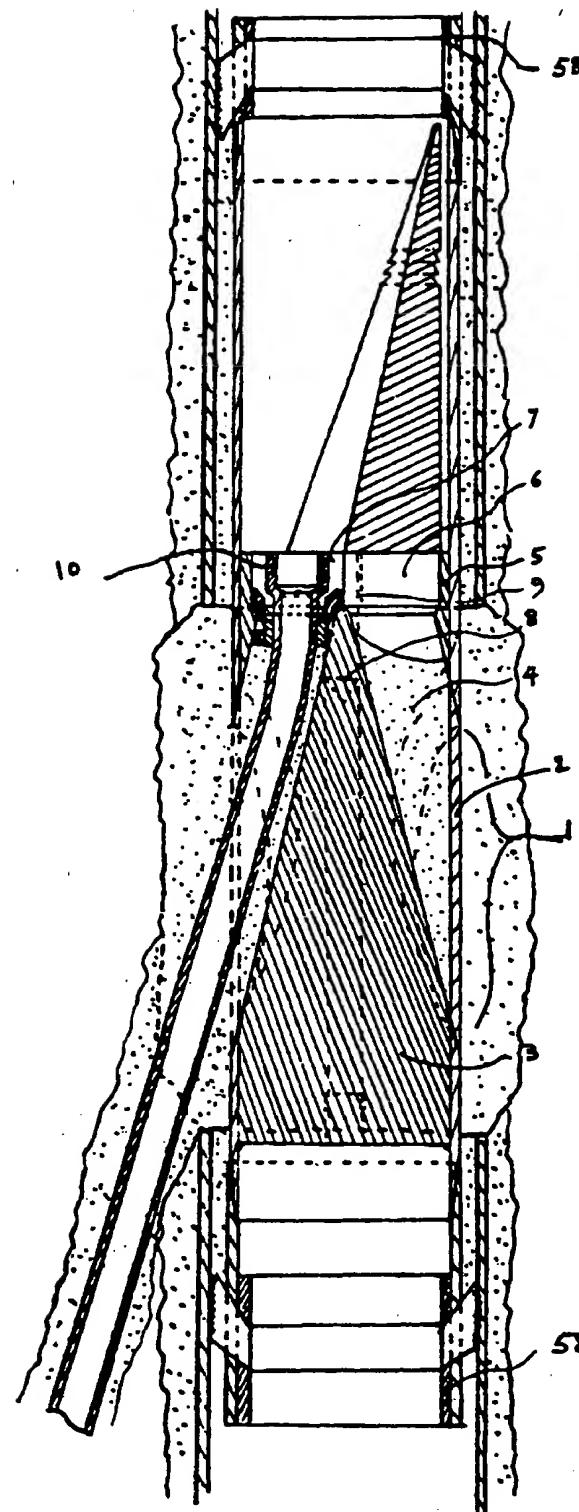


FIG. 9a

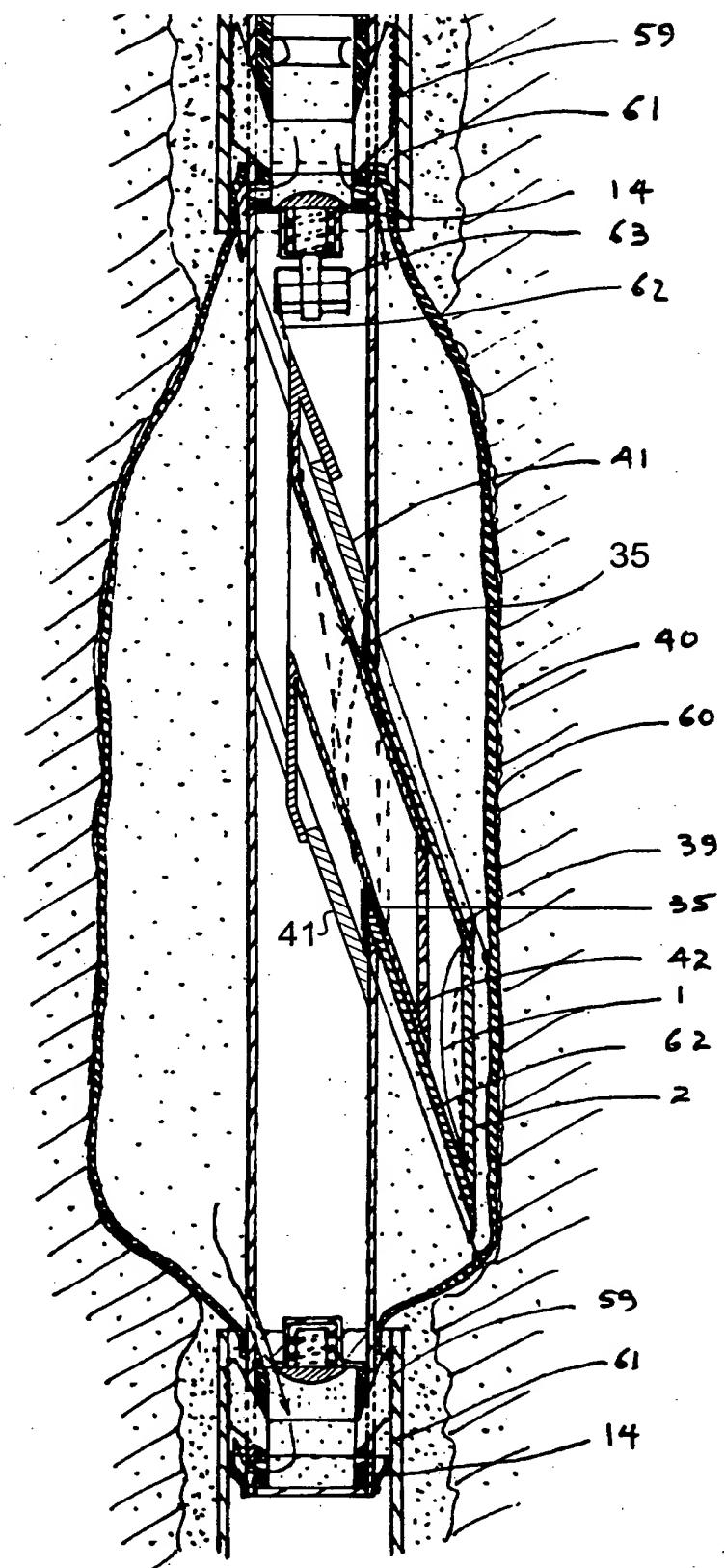


FIG. 10

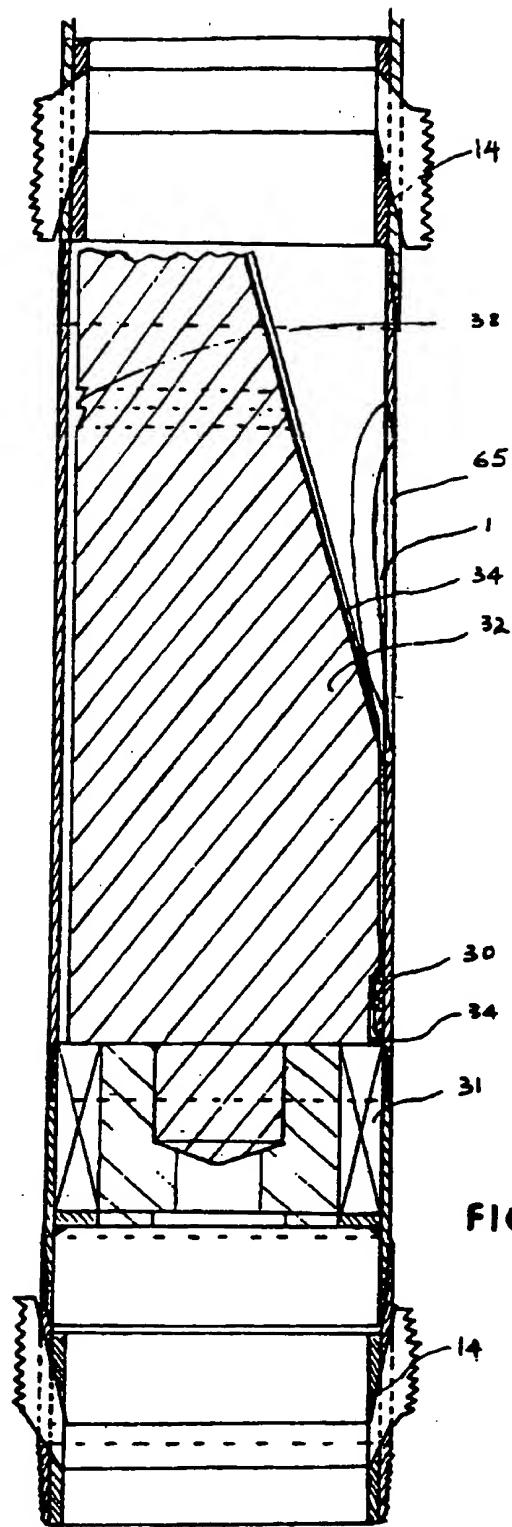


FIG. 11

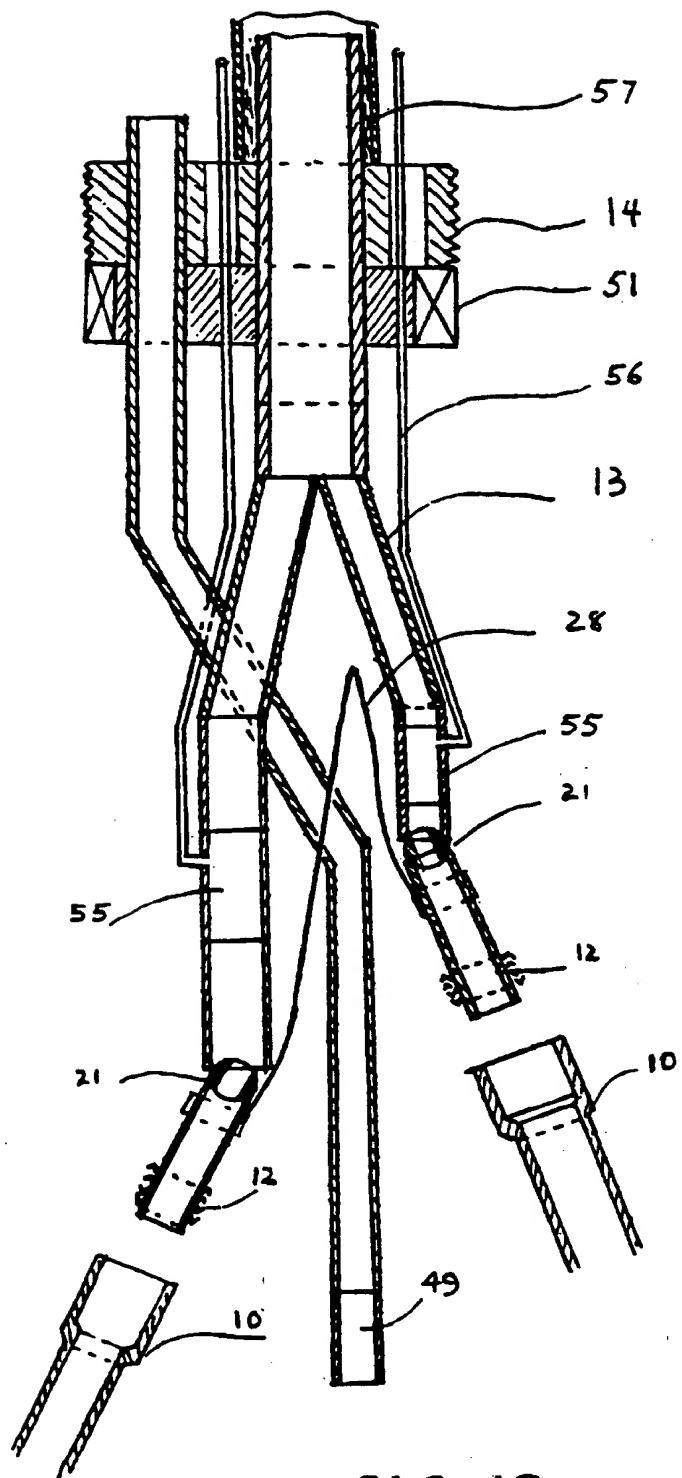


FIG. 12

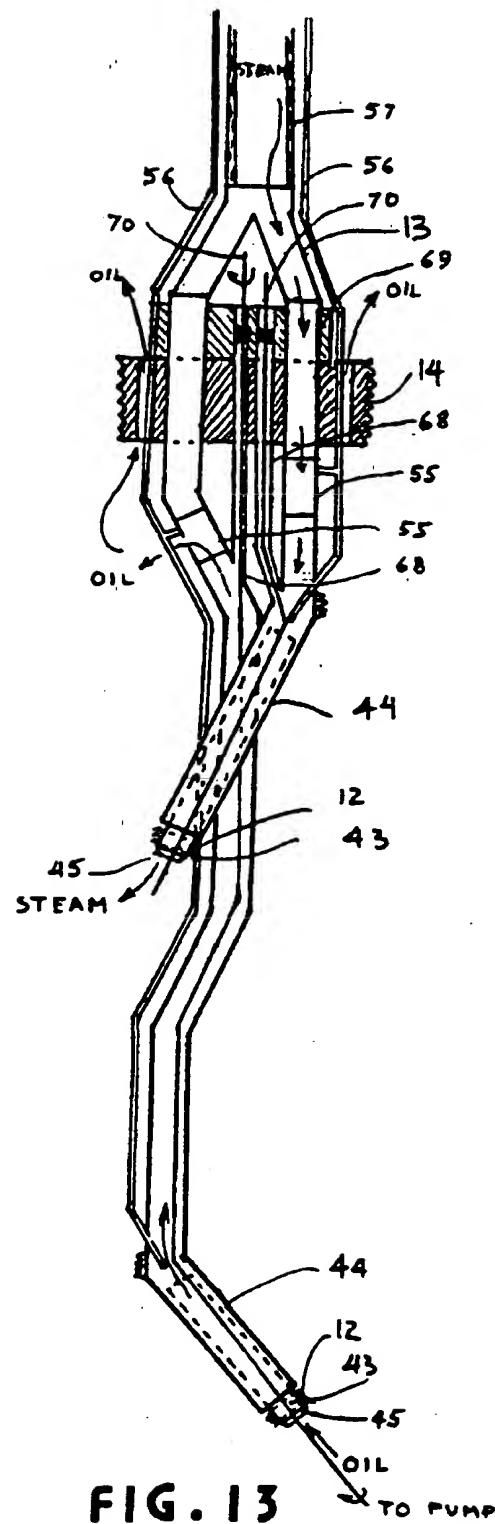


FIG. 13